

Figure 1

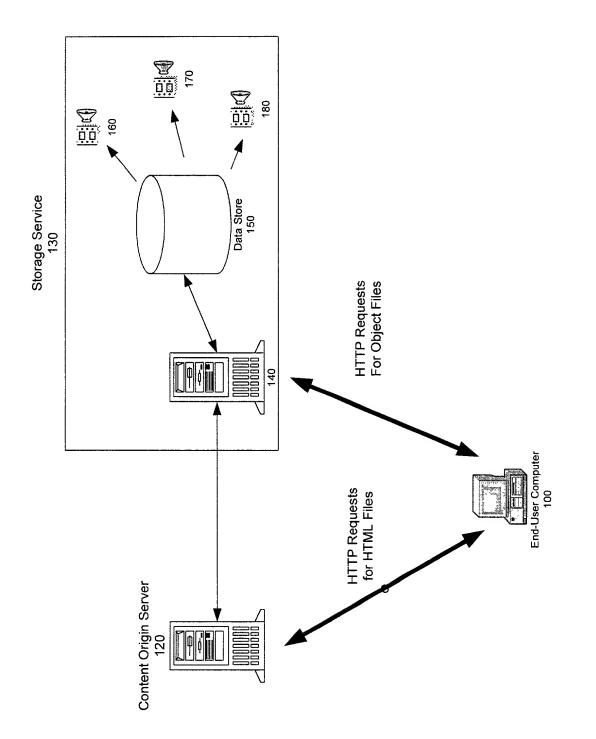
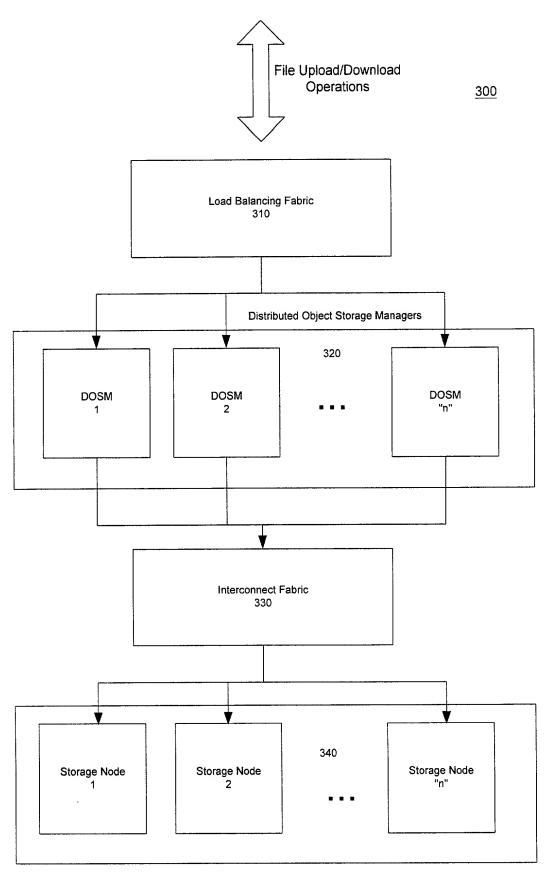
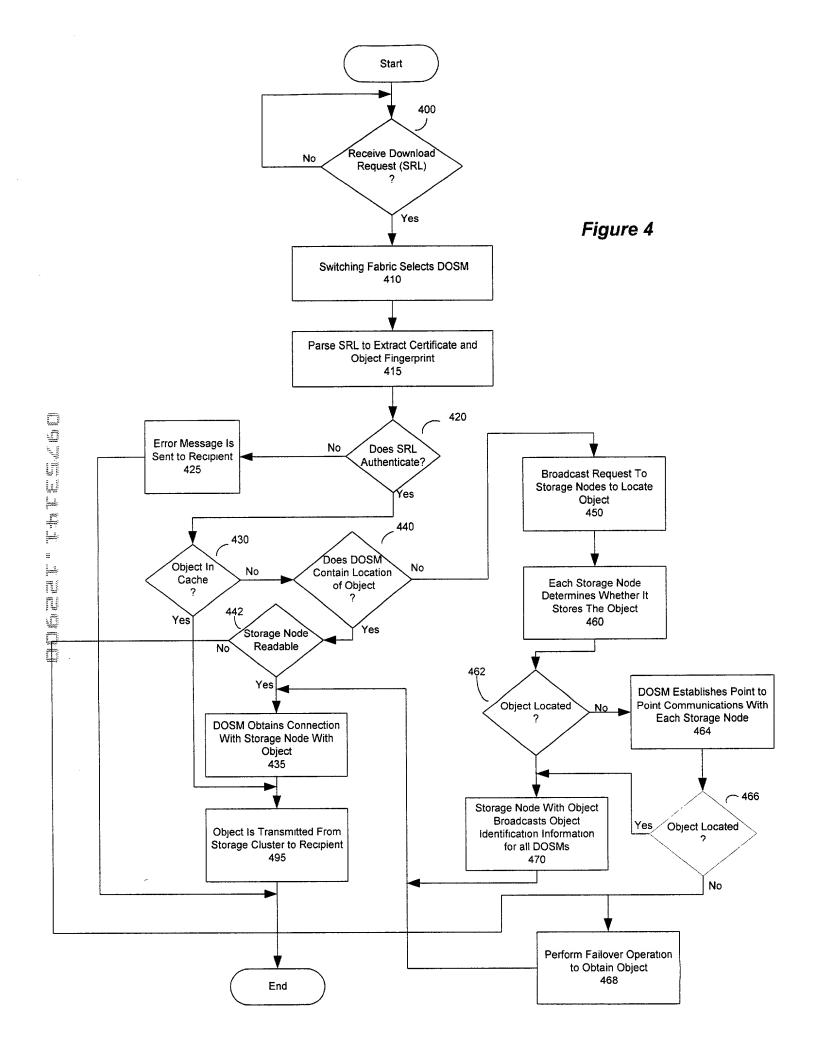


Figure 2



Intelligent Storage Nodes

Figure 3



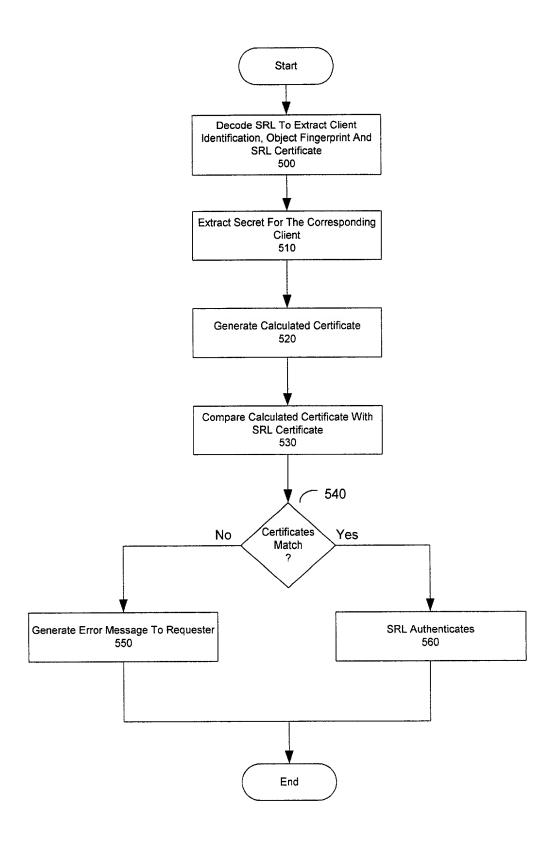
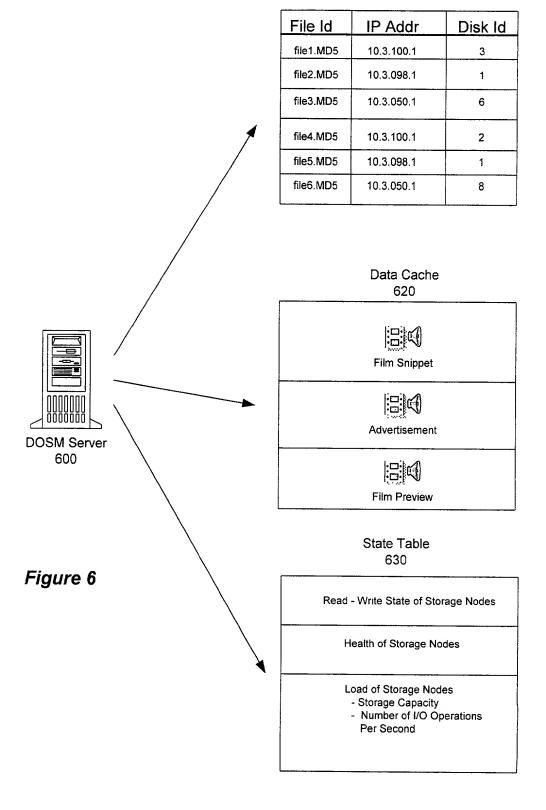


Figure 5

DOSM File Look-up Table 610



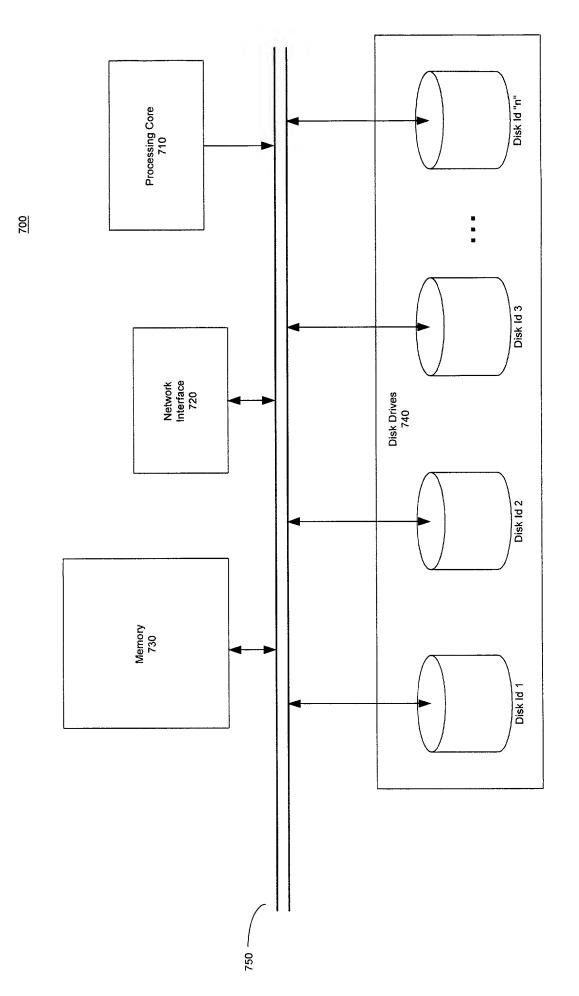
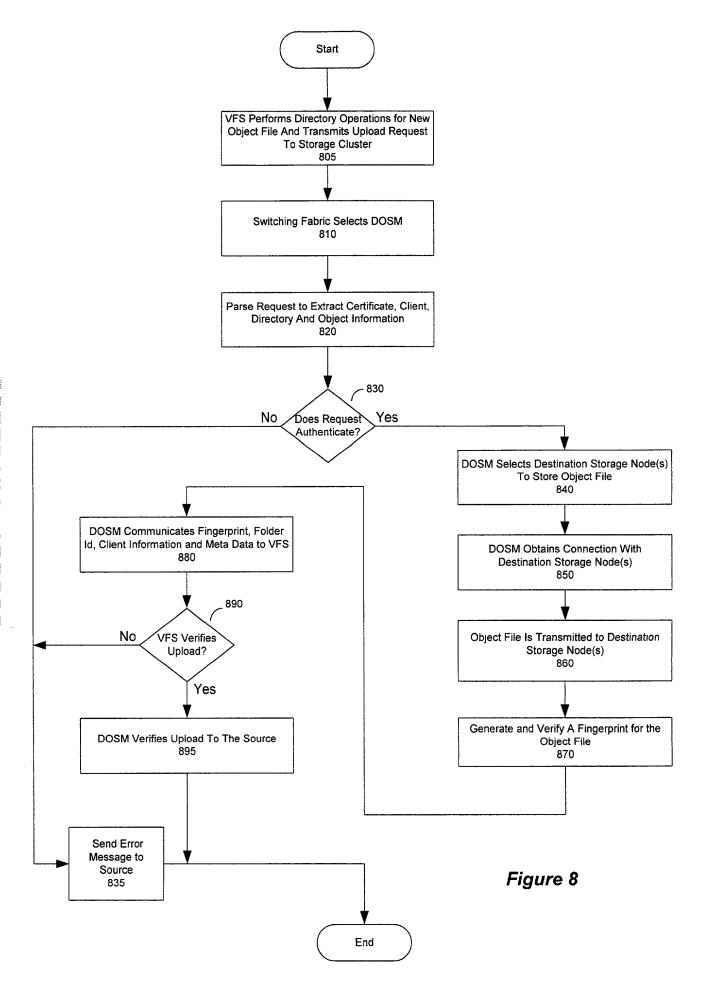


Figure 7



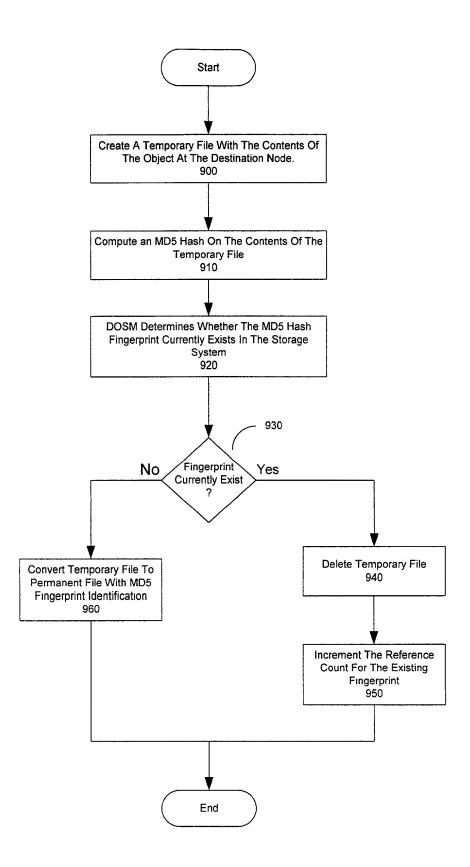


Figure 9

Figure 10

Figure 11

1100

Customer Table

Customer Name	Customer Reserved Fields	
Customer A	[Customer stores data]	1200
Customer B	[Customer stores data]	
Customer C	[Customer stores data]	
Customer D	[Customer stores data]	

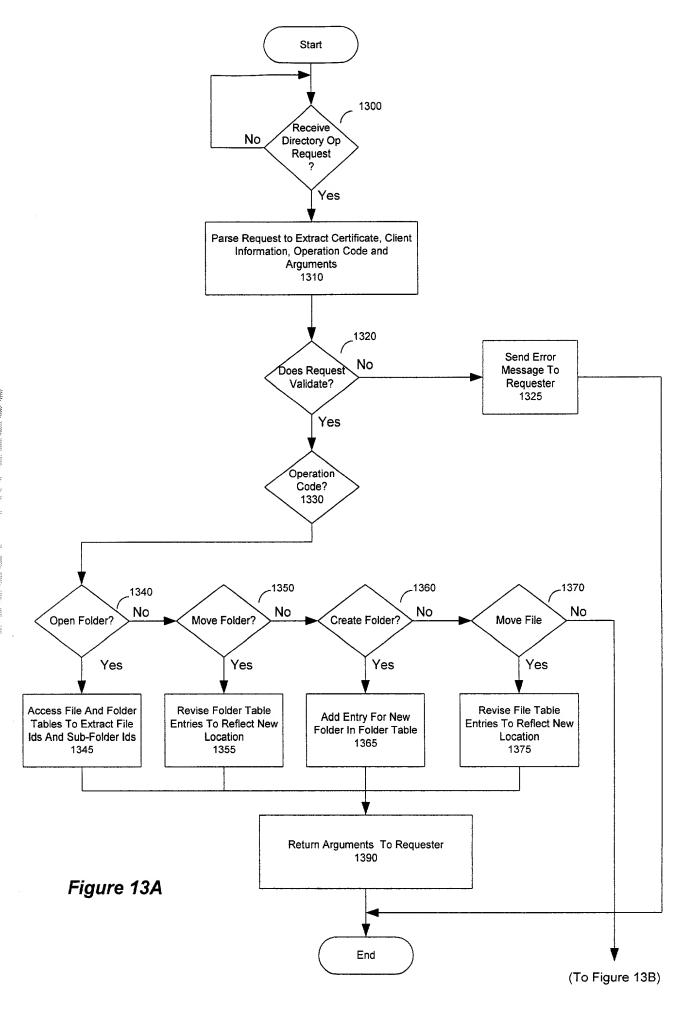
Folder Table

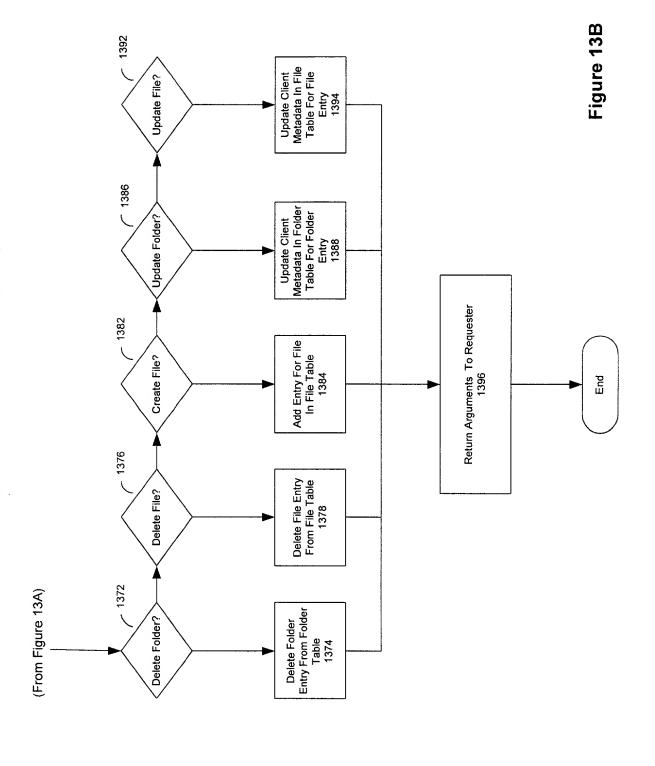
	Metadata	Folder Parent Id	Folder Id	Customer Id
1211	[Reserved]	-	2	3
<i>Y</i>	[Reserved]	2	100	3
	[Reserved]	2	251	3
	[Reserved]	251	166	3

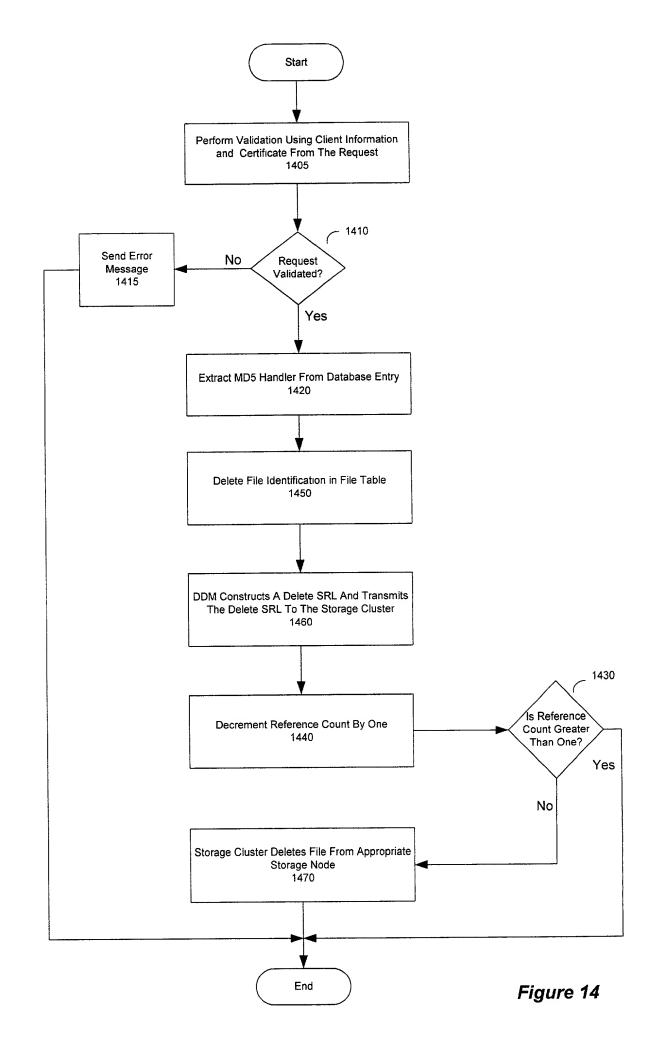
File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata	4000
3	52.MD5	100	2	[Reserved]	1220
3	55.MD5	100	2	[Reserved]	/
3	99.MD5	166	251	[Reserved]	
3	67.MD5	166	251	[Reserved]	

Figure 12







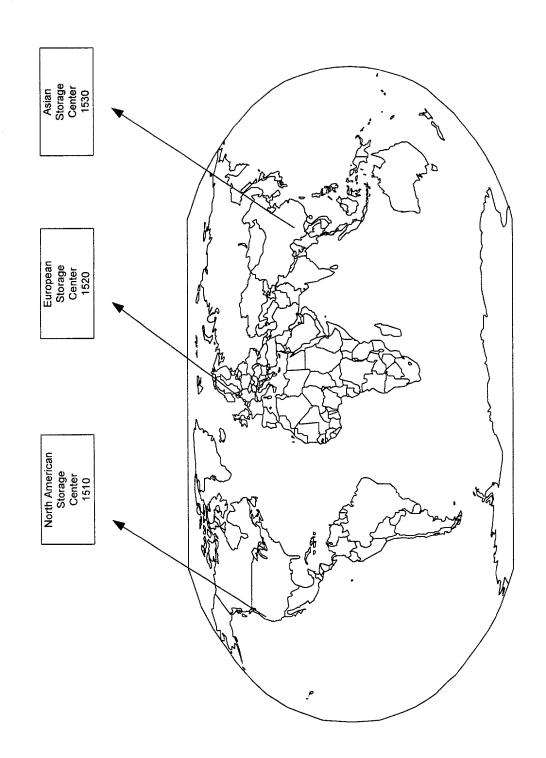
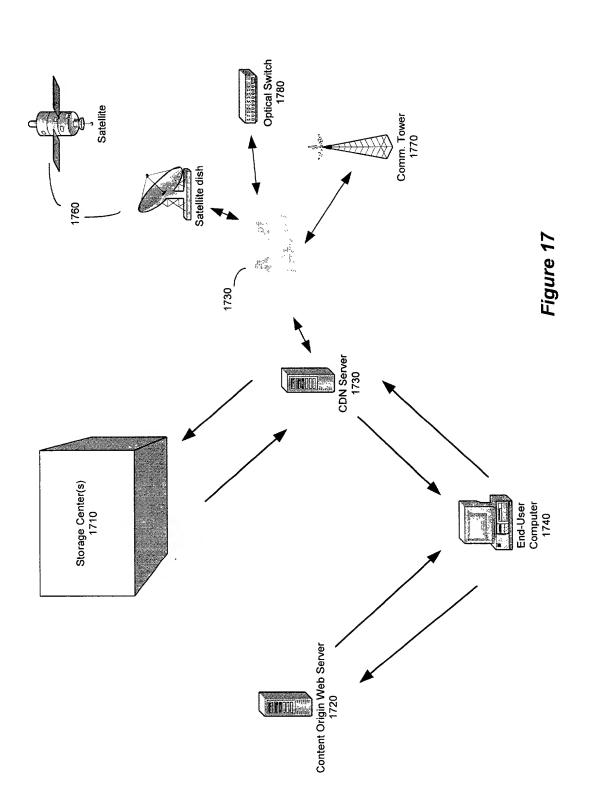


Figure 15

Figure 16



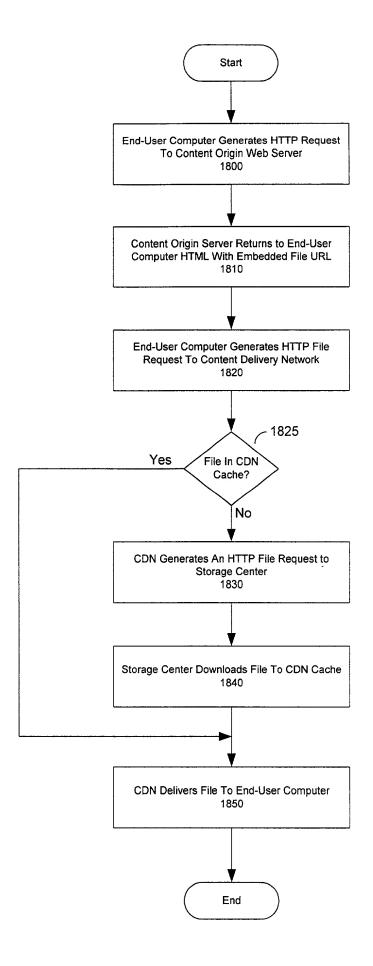


Figure 18

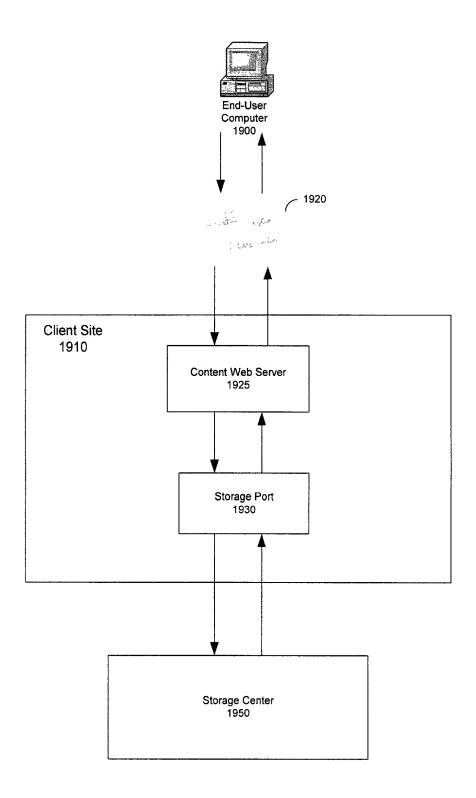


Figure 19

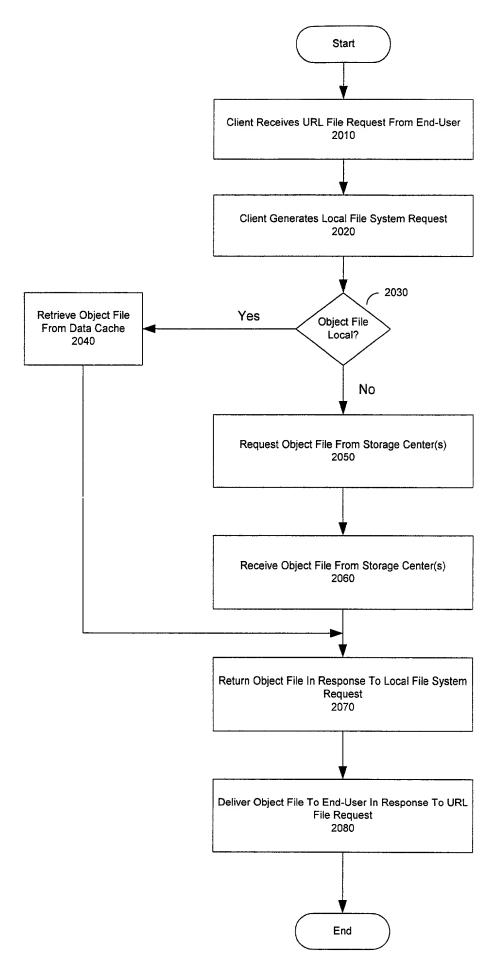


Figure 20

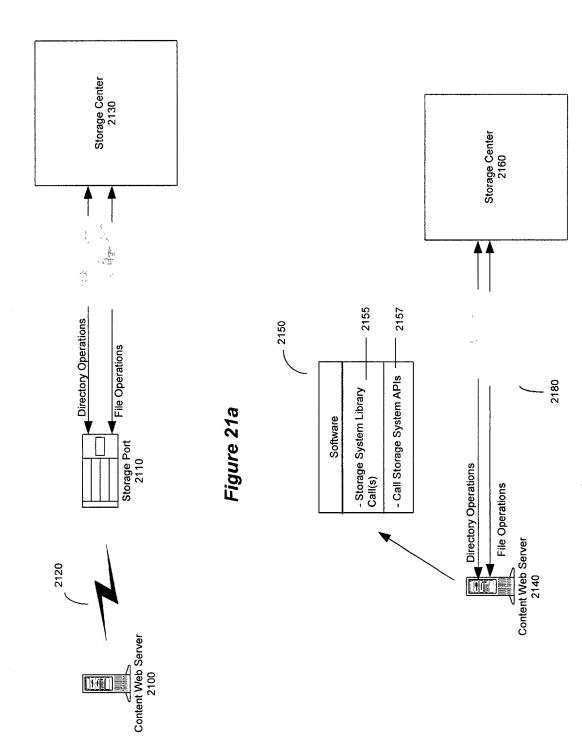


Figure 21b

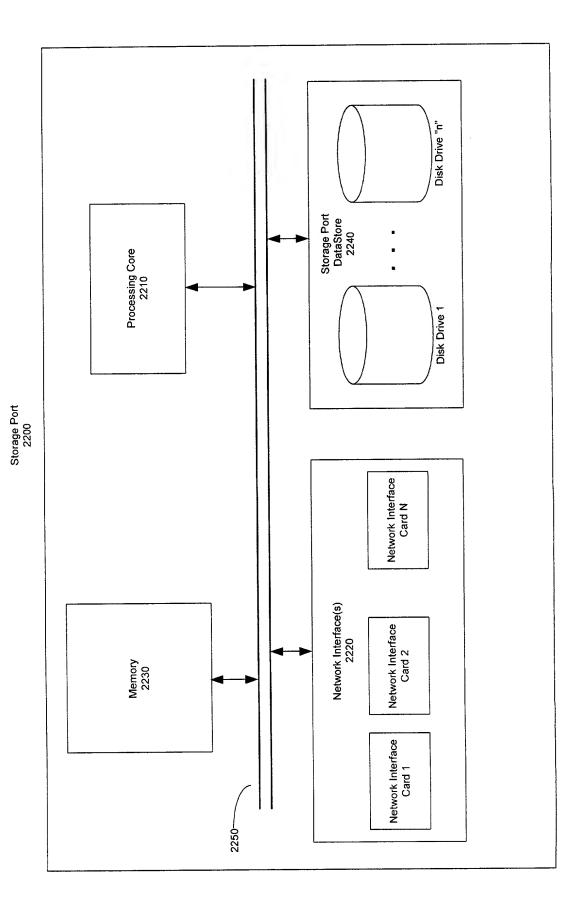


Figure 22

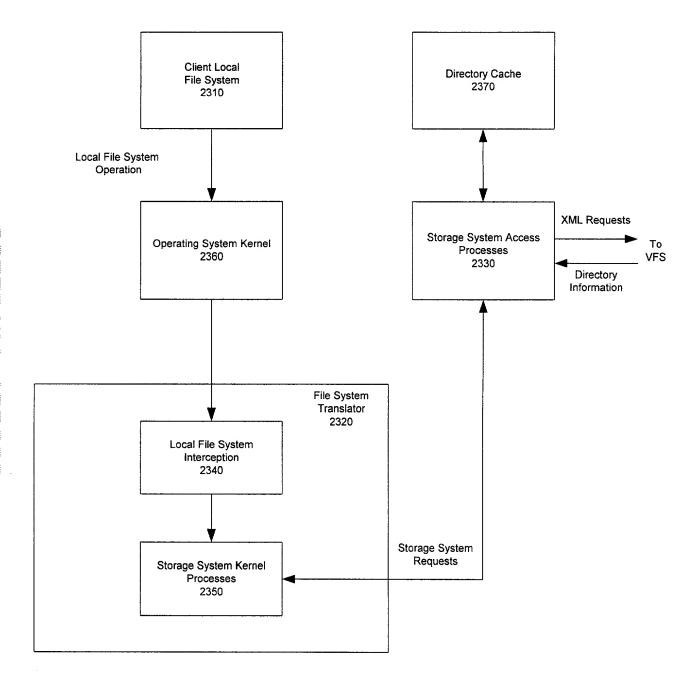
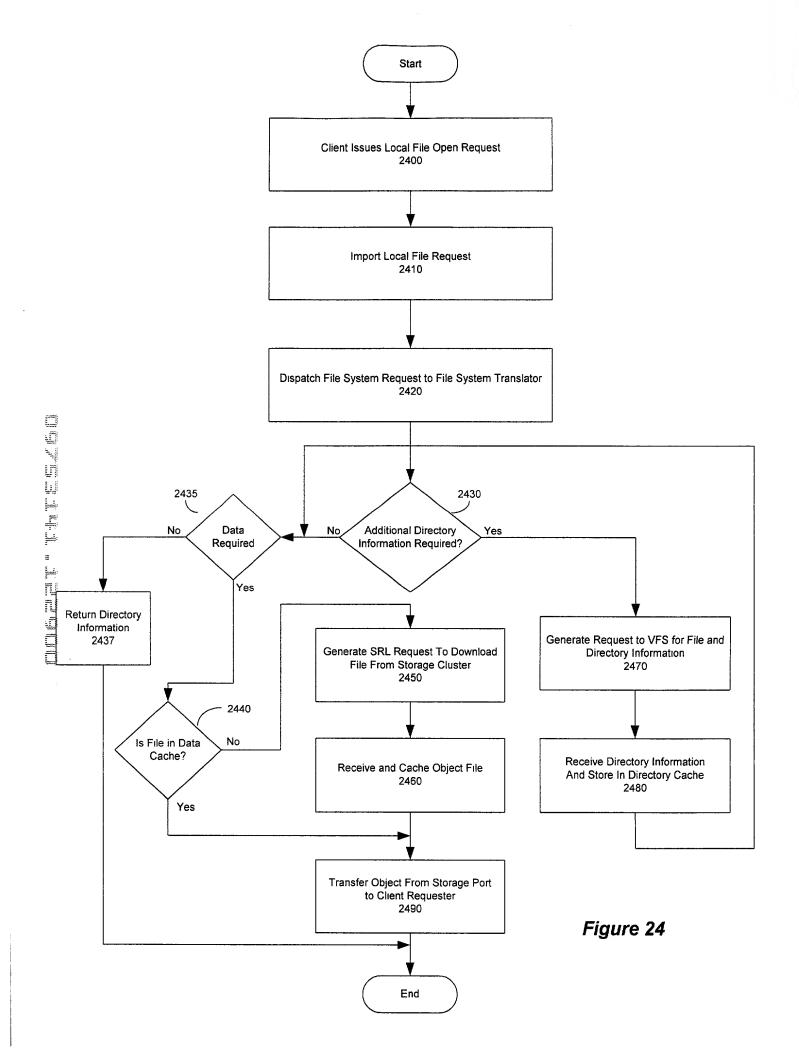


Figure 23



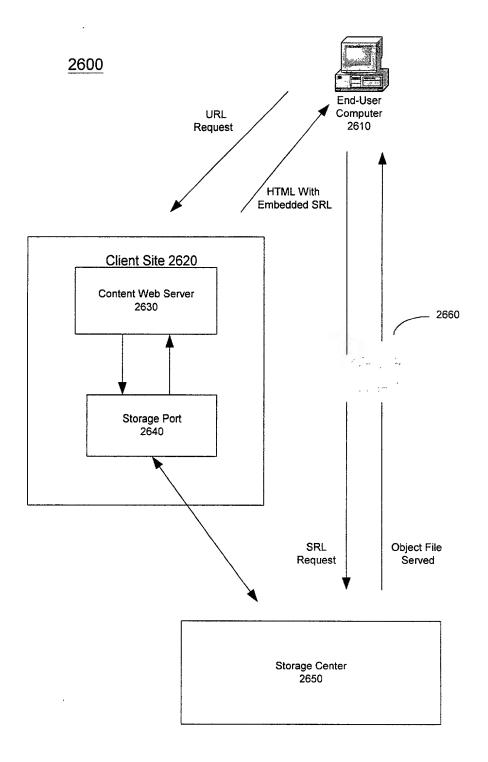
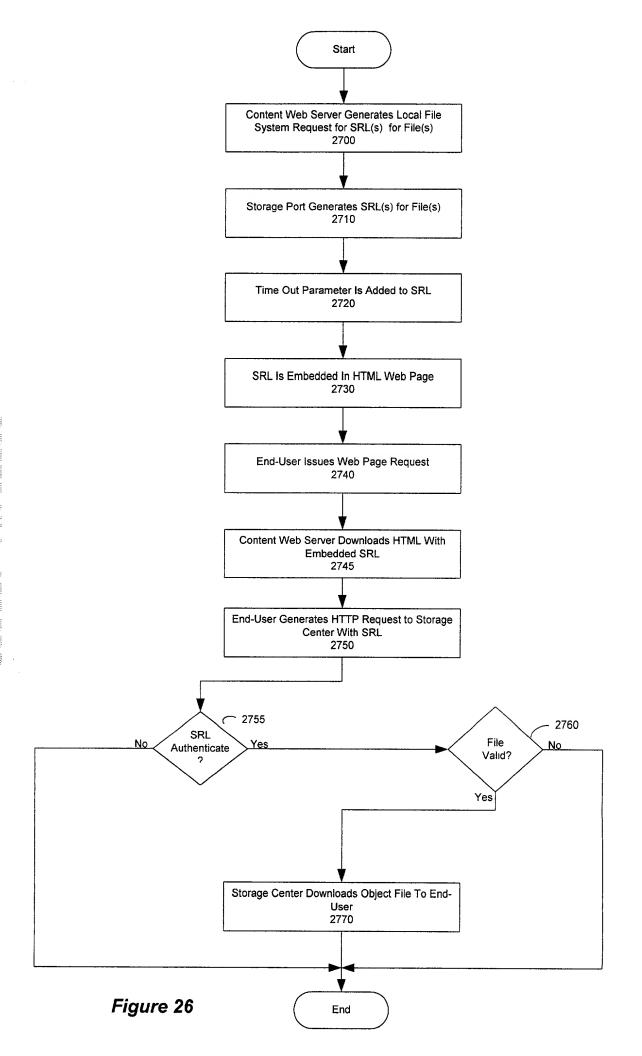


Figure 25



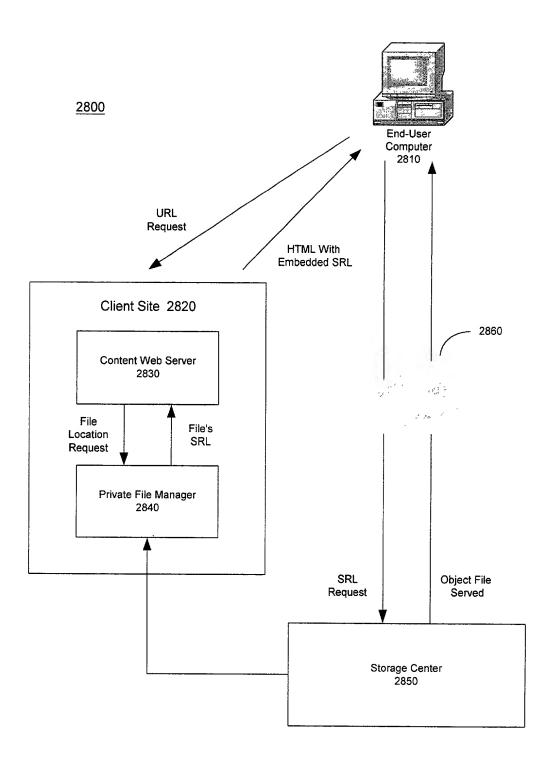


Figure 27

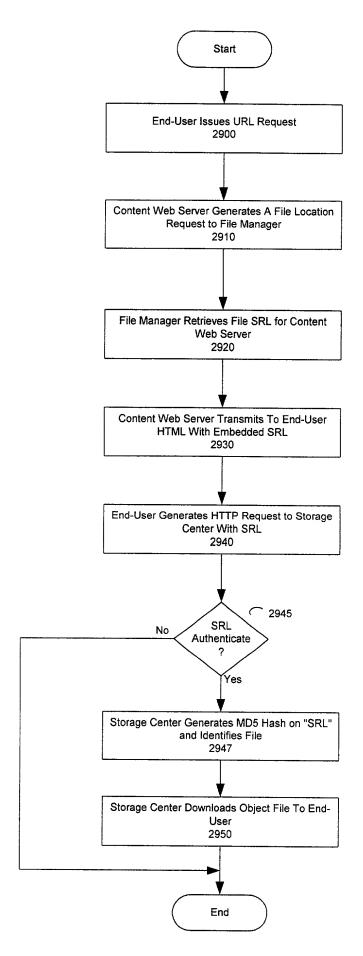


Figure 28

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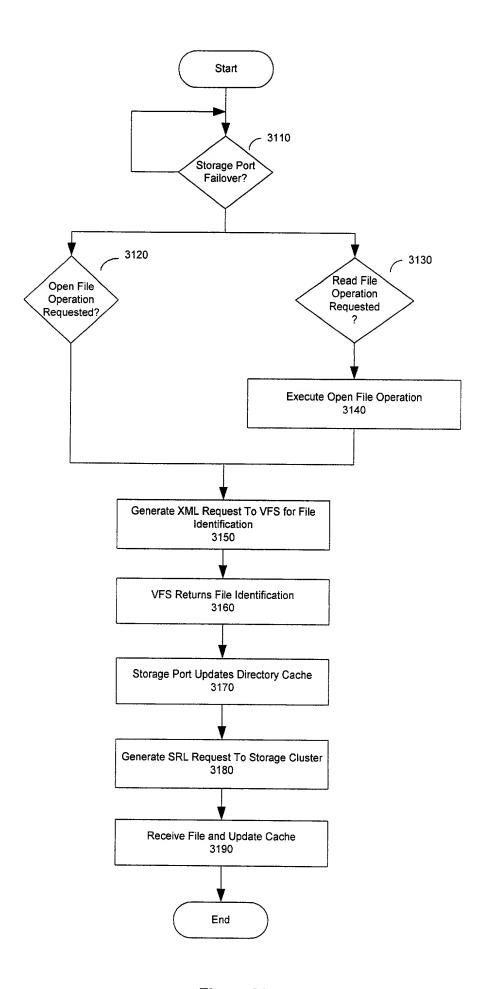


Figure 30

